Shameiz Rangwala

SENIOR SOFTWARE ENGINEER · FULL-STACK & AI PRODUCT ENGINEERING

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I'm a full-stack engineer who builds products end to end, from the data model and **Python** services to **React** web and mobile clients. At Meta I architected a pluggable LLM moderation system and its eval harness, actioning **310,000+ accounts** at **94% human-validated precision**, and led engineering for **Community Notes** on Threads from zero, where daily contributors grew **18×**. I have built software professionally since 2017 and now build with **Claude Code** and **Codex**.

EXPERIENCE

Meta

NEW YORK, NY · 2021 – PRESENT

Senior Software Engineer, Workstream Lead · Threads Product Integrity

AUG 2025 – PRESENT

- Architected and shipped an **LLM moderation and enforcement product** from zero: a pluggable, protocol-based **Python** system that decides **~20,000 cases** and takes **~5,000 enforcement actions a day** at **94% precision**, cutting median report-to-action from **days to under an hour**.
- Designed its **data model** for cases, labels, and decisions, set up the human **review and labeling queues**, and extended the in-house **React** review app to support them, with checks on reviewers' label quality; built the **dashboards** policy and operations teams use to monitor the system.
- Own its **eval harness** against human-labeled data and the serving path. Moved the system from an external model to an internal one after comparing the two on that harness, and built the step that routes low-confidence decisions and failed or unusable model calls to human review.
- Made it **shared platform infrastructure**: several Threads Integrity teams and use cases, including child-safety and harmful-link, onboard in **weeks, not months**, through configuration and prompts rather than new code; it became the standard other engineers followed.
- Led engineering for **Community Notes** on Threads, a human-in-the-loop rating system, from zero across web (React) and mobile: contributor onboarding, the note-writing and rating flows, and the consensus surface readers see.
- Built in-app rating and note-writing that cut time to consensus **59 to 14.8 hours**, lifting 14-day retention **18.4% to 31.7%**, the highest among peer apps; daily contributors grew **97 to 1,790 (18×)** and note coverage expanded **20×**.
- Turned a platform-wide impersonation crisis into **10 launches in one half**: US report rates **down over 40%**, detection p90 **64 to 17 minutes**, and a targeted sweep disabling **63,000 accounts at 97% precision**.
- Cut bad signups **over 50%** with registration hardening and mobile device attestation.
- Own roadmap and prioritization across **4 platform teams** plus policy, legal, and operations partners, and mentor 3 engineers; work closely with data scientists and researchers.

Software Engineer · Instagram & Threads

AUG 2021 – AUG 2025

- Led engineering for **Threads-only accounts**, designing standalone creation, login, session management, recovery, and settings decoupled from the parent platform; shipped under a hard EU deadline, plus the integrity controls that unblocked the public Threads launch.
- Launched **About This Profile** on Threads to **132M users**, establishing the app's **first reusable cross-platform components**.
- Built the first **automated enrollment pipeline** for identity protection, routing **~1,200 impostor accounts a day** into enforcement review; hardened account-takeover defenses to block **~36,000 attempts a day**, measuring each launch's cost to legitimate users as well as the abuse it stopped.
- Led engineering for election transparency on Instagram, building state-linked account labels across **backend APIs**, web, and mobile for the Philippines, Brazil, and US midterms, covering accounts behind **8B civic content views**. Promoted to Senior after 4 straight top-tier ratings.

EARLIER EXPERIENCE

Coinbase · **SWE Intern, Coinbase Prime:** Institutional crypto trading features in TypeScript, React, and Go, making investment-vehicle setup **10× faster** for market makers; implemented FIDO2 authentication. **2021**

Amazon · **SWE Intern, AWS:** Java auto-scaling for Aurora Serverless; DNS library for **100K+ database clusters**. **2020**

Meta · **SWE Intern, Media Infrastructure:** Shipped the media analytics pipeline; top-5 team org-wide in Meta's hackathon. **2020**

Apple · **SWE Intern, Core Siri:** Python/Flask microservices parallelizing Siri workflows, improving end-to-end testing times **300%**. **2019**

Shopify · **SWE Intern, Payments:** Split payments to **70K+ merchants** on Shopify POS; cut iOS regression testing time **90%**. **2018**

Accedo & Cineplex · **Full-Stack Developer:** Adaptive OTT streaming apps for **Web, PlayStation, Roku, and SmartTV**. **2017 – 2018**

SKILLS

ENGINEERING	Python, React, TypeScript, JavaScript, Node.js, GraphQL, SQL, Java, Go, Hack/PHP, Swift/iOS, Kotlin/Android
FULL-STACK	Backend APIs, data modeling, internal review and labeling tools, dashboards, distributed data pipelines, PostgreSQL, Hive, AWS, batch and real-time processing, protocol-based framework design
PRODUCT	0-to-1 development, A/B experimentation and metric design, staged rollouts, launch readiness, roadmap ownership
LLM & EVALUATION	Claude Code and Codex, LLM classifiers, eval harnesses against human-labeled data, prompt iteration, offline evaluation, failure-mode analysis, precision and recall tradeoffs, human-in-the-loop systems

EDUCATION

University of Waterloo

CLASS OF 2021

Bachelor of Computer Science (Co-op)

1st Place, MHacks X: LertBike, a bike safety and alert system (BLE sensors, YOLO object detection, Python/Flask).